

Comanche Station

Proposed Hydrogeological Investigation 2020

Objectives and Phased Approach

Phased Approach to evaluate

- Presence, depth and continuity of groundwater above/below bedrock contact
- Fracture density, permeability, vertical and horizontal migration potential
- Groundwater gradient and flow direction (if it exists)
- Background water quality (if possible)
- Results of each boring inform next steps (if/then)
 - Fractures present- drill ~10 feet into competent bedrock or 100 feet whichever is first
 - Fractures minimal – drill ~20 feet into the bedrock, install 20 foot screen
 - Fractures absent (and core looks dry) – drill ~20 feet into the bedrock to confirm and do not install a well
 - If W-2 and perimeter wells all competent bedrock and dry, no landfill wells

